

# Receiving Report

Date: 12/7/11

Batch No: M 122361

Supplier: THYSSERAP

Dart P/O: 17223

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ N/A ☐  
 Work Order 82651 N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin: 12/7/11  
 Date    
 Received/Costing    
 Initial  

Location

## Page 1 of 1

All amounts are calculated in domestic currency.

## All Line Item Types

All Rec. Employees

[illegible]

7

B I L L O F L A D I N G

No: PEC 775889

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 9057389033

Ship Date 10Jul12 at 7:14 From PFW  
Probill  
Via VIM TRNASFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-468612- 1 Your PO # 17203  
Part # AMS 5604 Rel #  
STAINLESS STEEL PLATE 17-4 STAINLESS  
.250" THICK X 4.0000" X 144.0000"  
WATER JET CUT MATERIAL

MTR

Heat Number	Tag No	Quantity	PCS	Wt LBS
412157	84534	12.00 SFT	3	142

Tags	PCS	LBS
1	3	142

Heat Number  
412157

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 1 BDL G.W. 158 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*  
\* WE STOCK STAINLESS STEEL \*

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

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Ship From:  
 THYSSENKRUPP MATERIALS NA  
 2821 LANGSTAFF ROAD  
 CONCORD, ONTARIO L4K 5C6  
 Tel: 905 669 9444 Fax: 9057389033

No: PEC 775889  
 Ship Date 10Jul12 at 7:14 From PFW  
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 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp STAN IVERS (905-532-1350)  
 Sold To: ( 20115)  
 DART AEROSPACE

Ship To: ( 1)  
 DART AEROSPACE

# B I L L O F L A D I N G

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
 \*\*\*\*\*  
 \*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
 ADDED TO EVERY ORDER.\*\*\*

Page: 2 ..... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
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# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL PLATE 17-4 STAINLESS  
.250" THICK X 4.0000" X 144.0000"  
PART NO. AMS 5604

PO/Rel 17203

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.


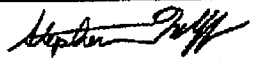
## Certificate of Mill Test Results

BL PEC-775889-001

9Jul12

Signed by: \_\_\_\_\_

Pg 1/3

 <b>ATI Allegheny Ludlum</b>  500 Green Street Washington, PA 15301	<b>Certificate of Test</b>		 <small>Stephen Wolff - Director, Corporate Quality Assurance</small>
	<b>Mill Information</b> Cart Number 0105293-00 Sales Order 50-042-422 Cert Date Jun-06-2012		<b>Customer Information</b> Name COPPER & BRASS SALES INC PO 5400142819-R04 PO Date Apr-27-2012

**Sold** COPPER & BRASS SALES INC  
**to:** CORPORATE SALES DIVISION  
PO BOX 5116  
SOUTHFIELD, MI 48086

**Ship** COPPER & BRASS ELKHART  
**to:** 1015 SAINT JEROME ST  
MISHAWAKA, IN 46544

### Material Information

"ATI 17-4" PRECIPITATION HARDENABLE STAINLESS STEEL  
PMP HOT ROLLED PLATE ANNEALED\* PICKLED COMMERCIAL CUT EDGE

ASTM-A-693-06 CND A/H900  
AMS 5604F CND A/H900

ASME-SA-693-10 CND A/H900  
UNS S17400

### Piece Information

	Gauge	Width	Length					Total Wt
Pcs	(in)	(in)	(in)	Heat #	Piece ID	Section Id	Lot #	(lbs)
Item: 001	Cust-Id: SSFLR00532			Govt-Contract-#:		Govt-DO-Rating:		
	Cust-Job:			ScheduleB:				
1	.2500	48.0000	144.0000	837262	AA54146	---	412157	536
1	.2500	48.0000	144.0000	837262	AA54147	---	412157	536
1	.2500	48.0000	144.0000	837262	AA54148	---	412157	536
1	.2500	48.0000	144.0000	837262	AA54149	---	412157	536
1	.2500	48.0000	144.0000	837262	AA54150	---	412157	536
1	.2500	48.0000	144.0000	837262	AA54151	---	412157	536

### Chemistry Testing

Element	Requirements		Final Heat Analysis	
	Min	Max	837262	Loc
C	---	.07	.05	BN
MN	---	1.00	.51	BN
P	---	.040	.023	BN
S	---	.030	< .001	BN
SI	---	1.00	.20	BN
CR	15.00	17.50	15.34	BN
NI	3.00	5.00	4.62	BN
MO	---	.50	.20	BN
CU	3.00	5.00	3.26	BN
CB	.15	.45	.31	BN

Heat # \_\_\_\_\_  
next page

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL PLATE 17-4 STAINLESS

.250" THICK X 4.0000" X 144.0000"

PART NO. AMS 5604

PO/Rel 17203

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.


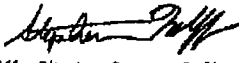
## Certificate of Mill Test Results

BL PEC-775889-001

9Jul12

Signed by: \_\_\_\_\_

Pg 2/3

 <b>ATI Allegheny Ludlum</b>	<b>Certificate of Test</b>		 <small>Stephen Wolff - Director, Corporate Quality Assurance</small>
	<b>Mill Information</b>		
<b>500 Green Street</b> <b>Washington, PA 15301</b>	<b>Cert Number</b> 0105293-00 <b>Sales Order</b> 50-042-422 <b>Cert Date</b> Jun-06-2012	<b>Name</b> COPPER & BRASS SALES INC <b>PO</b> 5400142819-R04 <b>PO Date</b> Apr-27-2012	

### Chemistry Testing

Element	Requirements		Final Heat Analysis	
	Min	Max	837262	Loc
TA	---	---	.010	TC
CBT	.15	.45	.32	BN
CBC	5.00	---	6.60	---

Allegheny Ludlum performs chemical analysis by the following techniques:  
 C, S by combustion/infrared; N, O, H by inert fusion/thermal conductivity;  
 Mn, P, Si, Cr, Ni, Mo, Cu, Pb, Co, V, by WDXRF; Fe, Bi, Ag by GFAA;  
 B by OES; Al and Ti (>0.10%) by WDXRF, otherwise by OES.

837262 - Material was produced by RF melting with AOD refining.

CBC = Cb / C

CBT = Cb + Ta

### Mechanical Testing

		LOT 412157		LOT 412157	
Condition:		ANNEALED		H900	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Result	Loc	Result	Loc
HARDNESS	---	345. HBW	TC	44.0 HRC	TC
YIELD 0.2%	psi	---	---	195000.	TC
TENSILE	psi	---	---	206000.	TC
ELONGATION	%	---	---	12.	TC
RED OF AREA	%	---	---	53.	TC

"H", "TH", "RH", and other heat treated values are capability test results.

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DART AEROSPACE

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PART NO. AMS 5604

PO/Rel 17203


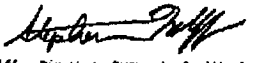
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Signed by: \_\_\_\_\_ Pg 3/3

	<b>Certificate of Test</b>		 Stephen Wolff - Director, Corporate Quality Assurance	
	<b>Mill Information</b>			<b>Customer Information</b>
500 Green Street Washington, PA 15301	Cert Number	0105293-00	Name	COPPER & BRASS SALES INC
	Sales Order	50-042-422	PO	5400142819-RD4
	Cert Date	Jun-06-2012	PO Date	Apr-27-2012

### Mechanical Property Requirements

Condition:		ANNEALED		H900	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Min	Max	Min	Max
YIELD 0.2%	psi	---	---	170000.	---
TENSILE	psi	---	---	190000.	---
ELONGATION	%	---	---	8.	---
RED OF AREA	%	---	---	30.	---
HARDNESS	—	---	352. HBW	40. HRC	47. HRC

### Metallography - General

Ferrite <= 5% per periodic test requirement.

### Certification Statements

Allegheny Ludlum does not use mercury in the testing or production of its products.

Material is of USA melt and manufacture.

No welds/weld repairs performed.

Knowingly and willfully recording any false, fictitious or fraudulent statement or entry on this document may be punished as a felony under Federal Statutes, including Federal Law, Title 18, Chapter 47.

Material is compliant with the European Union Directive 2002/95/EC - Restriction of Hazardous Substances (RoHS).

DIN EN 10204:2005 3.1 Certificate

### General Statements

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS

BN = ATI-ALLEGHENY LUDLUM; 100 River Road; Brackenridge, PA 15014

TC = ATI-ALLEGHENY LUDLUM; 1300 Pacific Avenue; Natrona Heights, PA 15065

WARNING: Processing that makes fumes, dust, or solutions may cause lung disease. Please see MSDS for further information which has been supplied to your purchasing department. For an additional copy, please refer to our web site at [www.alleghenyludlum.com/pages/assistance/MSDS.asp](http://www.alleghenyludlum.com/pages/assistance/MSDS.asp).

For access to online Certifications of Test, please register at [www.alcextra.com](http://www.alcextra.com).

The above is a true copy of the data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Allegheny Ludlum's order acknowledgement. This certificate of Test may not be reproduced except in full without the written authorization of the company.

ATI Allegheny Ludlum's website contains a listing of material produced, general technical and contact information, and current quality and company accreditations including but not limited to ISO-9001, AS-9100, Nadcap, and ISO/IEC 17025. Please visit us at [www.alleghenyludlum.com](http://www.alleghenyludlum.com).



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO17203**

Purchase Order Date 6/13/12

PO Print Date 6/13/12

Page Number 1 of 1

**Order From :**

VC-COP001

THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"  
TORONTO, ON M5W 5V8  
CA

**Contact Name**

**Vendor Phone**

905 669 9444

**Vendor Fax**

905 738 9033

**Vendor Account Nbr**

**Buyer**

Chantal Lavoie

**Requisition Nbr**

**Tax Resale Nbr**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

Destination-Collect

**Ship To :**

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M174B0.250X4.000	17-4 SS Bar .250 X 4.00	6/20/12 Yes	36.00 f	Yours ppd	\$27.0708	\$974.55

**Special Inst:**

MATERIAL: 17-4 PH SS BAR AS PER  
AMS 5604/6543 GRAIN MUST BE  
ALONG LENGTH OF BAR

**PO Total:**

**\$974.55**

**MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY**

**Change Nbr:**

2

**Change Date:** 6/13/12

No substitution or deviation without  
consent.

Certificate of Conformity or Material  
Certification required - **YES** NO